

Mineral Industry Surveys

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GYPSUM IN OCTOBER 2002

Producers mined 1.47 million metric tons (Mt) of gypsum in October 2002 (table 1). Output was 6% less than that of September 2002 and 7% more than that of October 2001. Synthetic gypsum production was 482,000 tons (t) in October 2002 (table 1), which was 10% more than that of September 2002 and 20% more than that of October 2001. Synthetic gypsum is increasingly used as a raw material for wallboard. During January through September 2002, of the 21.5 Mt supply of gypsum in the United States, 3.89 Mt or 18% was synthetic gypsum. Sales of uncalcined gypsum, mainly for portland cement manufacture and for agricultural uses, were 579,000 tons, 22% more than that of September 2002 and 31% less than that of October 2001.

Output of calcined gypsum was 1.78 Mt, 15% less than that of September 2002 and slightly more than that of October 2001. Sales of board products were 2.7 billion square feet (249 million

square meters), 11% more than that of September 2002 and slightly less than that of October 2001.

Import and export data for October 2002 were not available at the time of publication. Imports of crude gypsum in September 2002 were 631,000 t, slightly less than that of August 2002 and 8% less than that of September 2001. Gypsum wallboard imports, principally from Canada, for September 2002 were 43,000 t, equivalent to 42 million square feet (3.9 million square meters). These imports were 5% more than those of August 2002 and 9% less than those of September 2001. Wallboard exports to 22 countries and territories in September 2002 were 5,000 tons, equivalent to 6.0 million square feet (557,000 square meters). These exports were 6% more than those of August 2002 and slightly less than those of September 2001.

TABLE 1
GYPSUM SUPPLY 1/ 2/

(Metric tons)

	2002			2001
	October	September	January-October	January-October
Crude:				
Mined 3/	1,470,000	1,570,000	13,200,000	13,800,000
Imported 4/	NA	631,000	NA	6,600,000
Exported 4/	NA	13,600	NA	218,000
Synthetic gypsum 5/	482,000	438,000	4,370,000	4,400,000
Total supply	NA	2,620,000	NA	24,600,000
Calcined:				
Produced	1,780,000	2,090,000	19,700,000	14,700,000
Imported 6/	NA	715	NA	7,740
Exported 6/	NA	10,100	NA	242,000
Total supply	NA	2,080,000	NA	14,500,000

NA Not available.

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Some data were estimated from semiannual reports.

4/ Import and export data are for "Gypsum; anhydrite," Harmonized Tariff Schedule 2520.10.0000.

5/ Reported supply only.

6/ Import and export data are for "Plaster," Harmonized Tariff Schedule 2520.20.0000.

TABLE 2
GYPSUM SOLD OR USED BY PRODUCERS, BY USE 1/ 2/

(Metric tons, unless otherwise specified)

	2002			2001
	October	September	January -October	January -October
Uncalcined: 3/				
Portland cement	372,000	276,000	3,310,000	3,630,000
Agriculture and misc.	207,000	200,000	2,150,000	3,420,000
Total supply	579,000	476,000	5,460,000	7,050,000
Calcined:				
Board products 4/	2,230,000	2,010,000	21,200,000	20,800,000
Plaster	34,000	30,400	327,000	324,000
Total supply	2,260,000	2,040,000	21,600,000	21,100,000
Board products: (Thousand square feet) 5/				
Regular board	1,620,000	1,450,000	15,100,000	14,500,000
Type X board	791,000	714,000	7,730,000	7,850,000
Other	270,000	242,000	2,580,000	2,580,000
Total supply	2,680,000	2,410,000	25,400,000	24,900,000

1/ Includes data from the Gypsum Association.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Does not include synthetic gypsum from electric power plants.

4/ Includes weight of paper and other materials.

5/ One square meter equals 10.78 square feet.

TABLE 3
CRUDE GYPSUM IMPORTED FOR CONSUMPTION 1/

(Metric tons)

Country of origin	2002		2001	
	September	August	January- September	January- September
Canada	448,000	386,000	3,990,000	4,340,000
China	--	--	--	20
Germany	--	--	--	21
Italy	--	--	10,100	--
Japan	--	--	3	1
Korea, Republic of	--	--	270	--
Mexico	104,000	185,000	1,410,000	1,370,000
Spain	79,100	63,600	630,000	546,000
Thailand	--	--	79,400	74,500
United Kingdom	--	20	88	273
Total	631,000	634,000	6,130,000	6,330,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

Source: U.S. Census Bureau.

TABLE 4
CRUDE GYPSUM IN THE UNITED STATES 1/ 2/

(Thousand metric tons)

Period	Consumption 3/	Production 4/	Imports 5/	Exports 5/
2001:				
September	2,090	1,430	689	35
October	2,220	1,580	672	39
November	2,200	1,490	768	51
December	1,660	1,180	498	25
January - December	24,600	16,600	8,270	278
2002:				
January	1,910	1,300	626	25
February	1,810	1,240	595	22
March	2,090	1,410	742	64
April	2,180	1,450	749	20
May	1,890	1,150	752	16
June	1,670	1,070	671	62
July	1,730	1,020	727	14
August	2,120	1,550	634	60
September	2,190	1,570	631	14
October	NA	1,470	NA	NA

NA Not available.

1/ Excludes synthetic gypsum.

2/ Data are rounded to no more than three significant digits; may not add to totals shown.

3/ Consumption calculated by adding the production and imports shown in this table and subtracting the exports shown in this table. Monthly inventory changes are not included.

4/ Production data are from the semiannual gypsum canvasses of the non-wallboard producers, annual canvasses of all producers, and from monthly data furnished by the Gypsum Association from the wallboard producers.

5/ Data from U.S. Census Bureau.

TABLE 5
SALES OF GYPSUM BOARD PRODUCTS, BY SALES REGIONS 1/ 2/

(Thousand square feet) 3/

	New England	Middle Atlantic	E. North Central	W. North Central	South Atlantic	E. South Central	W. South Central	Mountain	Pacific	Exports	Total
2002:											
October:											
Lath	--	40	31	--	6	2	4	--	18	--	101
Veneer base	23,500	3,080	7,250	799	8,950	28	68	281	1,320	112	45,400
Sheathing	1,490	4,620	4,780	5,350	8,980	1,830	8,450	5,450	8,680	1,130	50,800
Regular gypsum board	43,200	154,000	228,000	102,000	429,000	104,000	190,000	152,000	187,000	25,400	1,620,000
Type X gypsum board	23,300	85,000	120,000	62,900	117,000	26,100	85,600	97,900	165,000	7,280	791,000
Predecorated board	276	687	904	361	1,390	410	974	331	874	39	6,240
5/16 Mobile home board	--	3,270	9,930	--	15,500	22,600	10,500	1,960	1,200	39	65,000
Water/moisture resistant board	4,450	18,200	13,300	5,490	21,400	3,690	10,100	9,310	13,500	2,990	102,000
Total	96,200	269,000	384,000	177,000	603,000	159,000	306,000	268,000	377,000	37,000	2,680,000
January - October											
Lath	18	179	123	--	63	2	4	8	300	--	695
Veneer base	213,000	28,900	77,600	9,450	92,500	243	809	3,460	15,300	358	441,000
Sheathing	12,800	36,000	39,200	49,600	89,200	18,800	92,200	57,000	78,000	8,770	481,000
Regular gypsum board	393,000	1,410,000	2,080,000	1,000,000	4,090,000	1,020,000	1,890,000	1,370,000	1,630,000	223,000	15,100,000
Type X gypsum board	235,000	810,000	1,150,000	624,000	1,290,000	268,000	835,000	917,000	1,550,000	49,300	7,730,000
Predecorated board	3,660	6,660	10,300	5,290	14,100	4,090	9,440	3,620	7,100	584	64,900
5/16 Mobile home board	--	22,300	90,300	27	174,000	195,000	110,000	17,400	12,000	266	621,000
Water/moisture resistant board	45,300	167,000	128,000	53,400	208,000	36,200	101,000	83,000	127,000	25,600	974,000
Total	903,000	2,480,000	3,570,000	1,740,000	5,960,000	1,550,000	3,040,000	2,450,000	3,420,000	308,000	25,400,000

-- Zero.

1/ Data are rounded to no more than three significant digits; may not add to totals shown.

2/ Sales region equivalent to U.S. Census Bureau Geographic Division as follows: New England (CT, MA, ME, NH, RI, VT); Middle Atlantic (NJ, NY, PA); East North Central (IL, IN, OH, MI, WI); West North Central (IA, KS, MN, MO, NE, ND, SD); South Atlantic (DC, DE, FL, GA, MD, NC, SC, VA, WV); East South Central (AL, KY, MS, TN); West South Central (AR, LA, OK, TX); Mountain, (AZ, CO, ID, MT, NM, NV, UT, WY); Pacific (AK, CA, HI, OR, WA).

3/ One square meter equals 10.78 square feet.

Source: Gypsum Association.